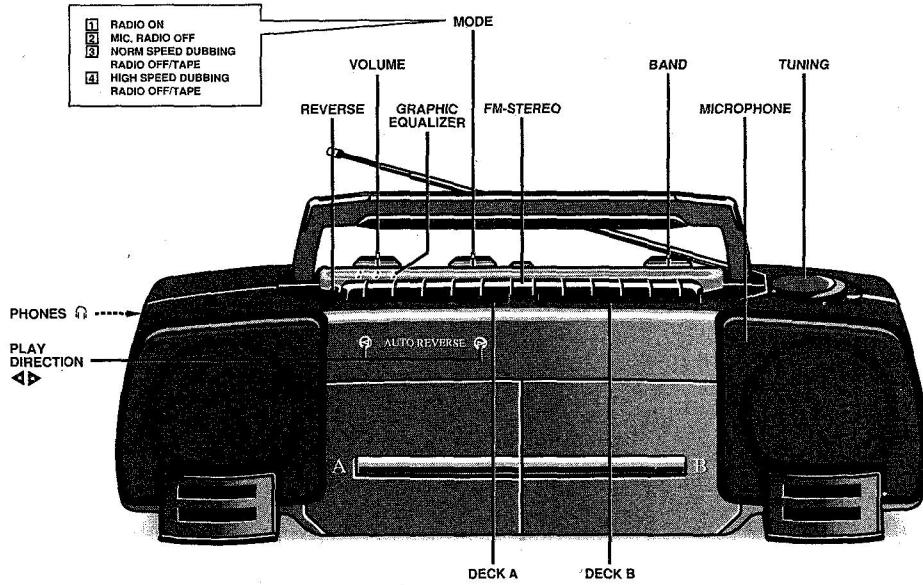


Service Service Service

For repair information of the cassette mechanism see
Service Manual of "Recorders tape deck RDR 1"

Service Manual



(GB)

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

(NL)

Veiligheidsbepalingen vereisen, dat het apparaat in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde worden toegepast.

(F)

Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

(D)

Bei jeder Reparatur sind die geltenden Sicherheitsvorschriften zu beachten. Der Originalzustand des Geräts darf nicht verändert werden für Reparaturen sind Original-Ersatzteile zu verwenden.

(I)

Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati pezzi di ricambiago identici a quelli specificati.

Documentation Technique Service Dokumentation Documentazione di Servizio Huolte-Ohje Manual de Servicio Manual de Servicio

Subject to modification

4822 725 22592

Printed in The Netherlands

© Copyright reserved

Published by
Consumer Electronics

CONNECTIONS AND CONTROLS

REVERSE	mechanical
VOLUME	R414/R464
GRAPHIC EQUALIZER	
100 Hz	R402/R452
1 kHz	R403/R453
10 kHz	R404/R454
MODE	A201
FM-STEREO (LED)	D101
BAND	A101
MICROPHONE	A208
TUNING	C105
PHONES	A205
PLAY DIRECTION	D601/D602

DECK A	
Pause	mechanical
Fast Forward	SK1
Rewind	SK1
Play	SK1
Direction	mechanical
Stop/Eject	mechanical

DECK B	
Pause	mechanical
Fast Forward	SK2
Rewind	SK2
Play	SK2
Record	A202
Stop/Eject	mechanical

SPECIFICATION (minimum values)

	: 9 V (6xR20)
	: 220 V 50/60 Hz
	: (240 V for /05) For adaption see wiring diagram
IF-FM	: 10.7 MHz ± 90 kHz
IF-AM	: 468 kHz ± 1 kHz
FM	: 87.5-108 MHz { - 0.3 MHz
MW	: 520-1606 kHz
LW	: 148.5-255 kHz

Tape speed : 4.76 cm/sec. ± 2%
 Dubbing high : 9.5 cm/sec
 speed
 Wow and flutter : ≤ 0.35% Typ 0.18%
 Freq. response (overall within 8 dB)
 Ferro (FM/tape) : 250-6300 Hz

Output values

Headphone output A205 : 30-600 Ω

Adjustment	Cassette	Recorder in position	Apply signal to	Measure on	Read on	Adjust with	Adjust to
Tape speed	3150 Hz of SBC420	PLAY Tape	-	A205	Wow-and flutter meter	Preset in motor	*a 4.76 cm/s
Azimuth R/P head	8 kHz of SBC420	PLAY Tape	-	A205	mV-meter	Left screw R/PB head	Max. output and outp. L ≈ outp. R

*a The maximum permissible speed deviation is 2%.
 Moreover, the wow-and-flutter value can be read.
 This value should not exceed 0.35%

SBC420 = 4822 397 30071

GB WARNING

All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically. When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools also at this potential.

ESD



D WARNUNG

Alle ICs und viele andere Halbleiter sind empfindlich gegen elektrostatische Entladungen (ESD). Unsorgfältige Behandlung bei der Reparatur kann die Lebensdauer drastisch vermindern. Sorgen Sie dafür, dass Sie im Reparaturfall über ein Pulsarmband mit Widerstand mit dem Massepotential des Gerätes verbunden sind. halten Sie Bauteile und Hilfsmittel ebenfalls auf diesem Potential.

NL WAARSCHUWING

Alle IC's en vele andere halfgeleiders zijn gevoelig voor electrostatische ontladingen (ESD). Onzorgvuldig behandelen tijdens reparatie kan de levensduur drastisch doen verminderen. Zorg ervoor dat u tijdens reparatie via een polsband met weerstand verbonden bent met hetzelfde potentiaal als de massa van het apparaat.

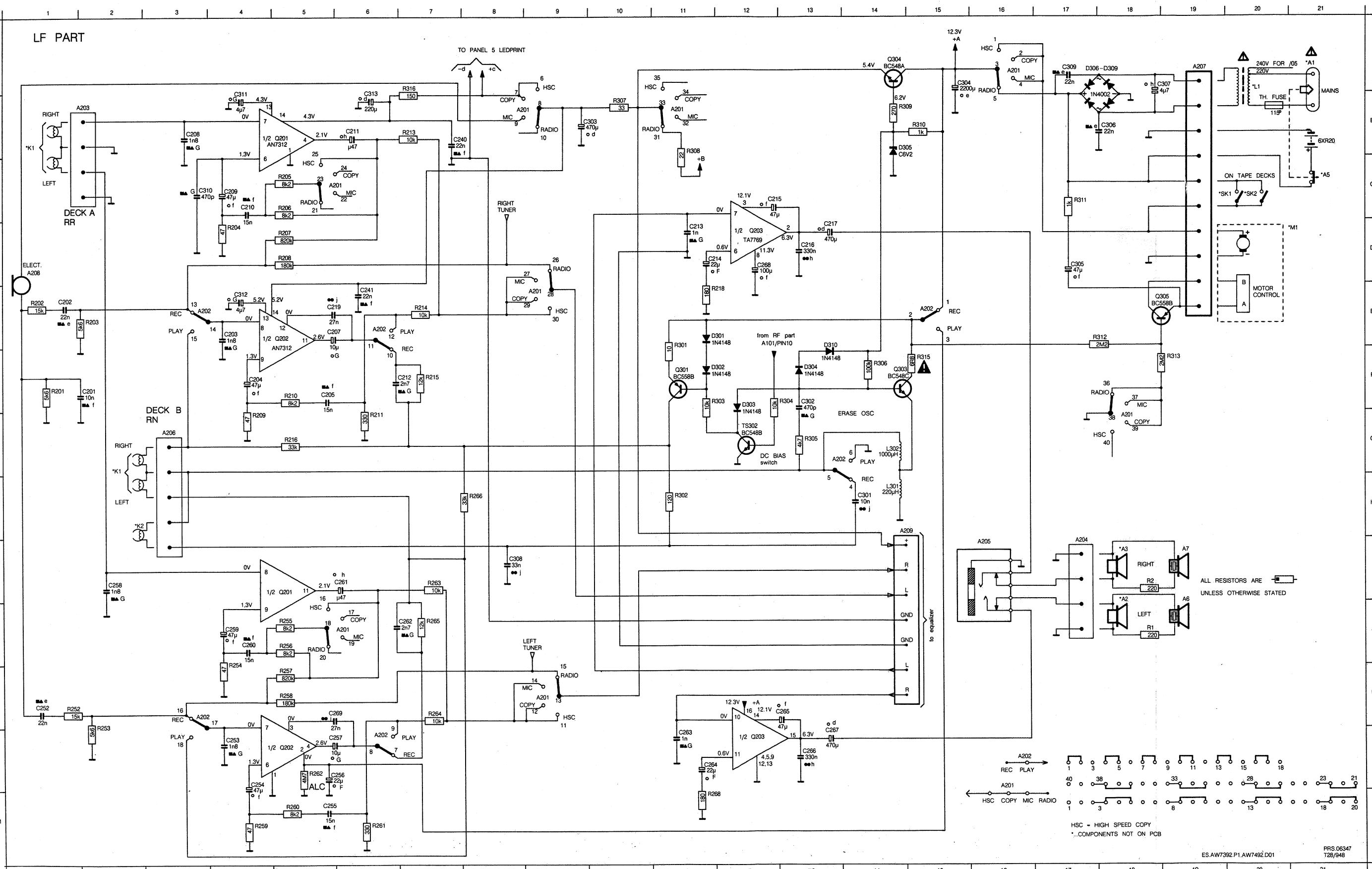
Houd componenten en hulpmiddelen ook op ditzelfde potentiaal.

I AVVERTIMENTO

Tutti IC e parecchi semi-conduttori sono sensibili alle scariche statiche (ESD). La loro longevità potrebbe essere fortemente ridotta in caso di non osservazione della più grande cauzione alla loro manipolazione. Durante le riparazioni occorre quindi essere collegato allo stesso potenziale che quello della massa dell'apparecchio tramite un braccialetto a resistenza. Assicurarsi che i componenti e anche gli utensili con quali si lavora siano anche a questo potenziale.

Tous les IC et beaucoup d'autres semi-conducteurs sont sensibles aux décharges statiques (ESD). Leur longévité pourrait être considérablement écourtée par le fait qu'aucune précaution n'est prise à leur manipulation. Lors de réparations, s'assurer de bien être relié au même potentiel que la masse de l'appareil et enfil le bracelet serti d'une résistance de sécurité. Veiller à ce que les composants ainsi que les outils que l'on utilise soient également à ce potentiel.

• A2	I 18	• M1	D 21	A201	K 9	A202	L 6	A208	D 1	C204	F 4	C212	F 7	C240	B 8	C257	L 6	C264	L 11	C302	F 13	C309	A 17	D306	E 17	Q202	E 5	R1	J 18	R206	C 5	R214	E 7	R255	J 5	R262	L 5	R302	H 11	R309	B 15	C310	C 4
• A3	I 18	• SK1	C20	A201	G 18	A202	L 6	A209	H 15	C205	F 5	C213	D 11	C241	E 6	C258	I 2	C265	K 13	C303	B 10	C313	A 6	D310	E 13	C203	L 12	R2	I 18	R207	D 5	R215	F 7	R256	J 5	R263	I 7	R303	F 12	R310	B 15	C311	A 4
• A5	C21	• SK2	C20	A202	K 3	A203	B 2	A6	I 19	C207	E 6	C214	D 12	C252	K 1	C259	J 4	C266	L 13	C304	A 15	D301	E 12	L301	H 14	C203	D 12	R201	F 1	R208	D 5	R216	G 5	R257	K 5	R264	K 7	R304	F 13	R311	C 17	C312	E 4
• K1	B 1	A201	L 16	A202	G 13	A204	I 17	A7	I 19	C208	B 3	C215	C 12	C253	L 4	C260	J 4	C267	L 13	C305	D 17	D302	F 12	L302	G 14	C301	F 11	R202	E 1	R209	G 4	R218	E 12	R258	K 5	R265	J 7	R305	G 13	R312	E 18		
• K1	G 2	A201	E 9	A202	E 15	A205	I 16	C201	F 2	C209	C 4	C216	D 13	C254	L 4	C261	I 6	C268	D 12	C306	B 18	D303	F 15	Q201	I 5	Q303	F 14	R203	E 2	R210	F 5	R252	K 1	R266	H 8	R306	F 14	R313	F 19				
• K2	H 2	A201	C 6	A202	E 3	A206	G 3	C202	E 1	C210	C 4	C217	D 13	C255	M 5	C262	J 7	C269	K 6	C307	A 19	D304	F 12	Q201	B 5	Q304	A 14	R204	D 4	R211	G 6	R253	K 2	R260	M 5	R288	M 11	R307	B 10	R315	F 15		
• L1	A20	A201	J 6	A202	E 6	A207	A19	C203	E 4	C211	B 6	C219	E 6	C256	L 6	C263	L 11	C301	H 14	C308	I 8	D305	B 15	Q202	L 5	Q305	E 19	R205	C 5	R213	B 7	R254	J 4	R261	M 6	R301	E 11	R308	B 11	TS302	G 12		



A101/201/202						
FM-IF						
FM Stereo	10.7 MHz △f=500 kHz (50Hz)	via 100 nF	No reception	L103	1	
FM-RF						
FM 87.5-108 MHz	87.35 MHz Mod 1kHz △f=22.5 kHz	A via 100 nF	Max Cap	L101 L102	1	max
	108.3 MHz Mod 1 kHz △f=22.5 kHz		Min Cap	C105c C105d		
AM-IF						
AM	468 kHz*	B	Max Cap	L104 L105	1	Max
AM-RF						
LW 148.5-255 kHz	148 kHz*	B	Max Cap	L108	1	Max
MW	1635 kHz*		Min Cap	C105b		Max
MW	550 kHz*			L106	1	Max
	1500 kHz*			L105a		
LW	200 kHz*			L107	1	max

↑ Repeat-Herhalen-Répéter-Wiederholen-Repetera-Ricomminiare-Gentage

*Mod 1 kHz 30% AM

Stereo-Decoder

FM-A101	strong mono signal		R152	2 freq counter 19 kHz ±50Hz
---------	--------------------	--	------	-----------------------------

GB

1 Adjust for symmetry and max. height.

F

1 Régler au symétrie et hauteur maximum.

"Bei notwendigem Abgleich ist das Gerät auf die gesetzlich vorgeschriebenen Eckfrequenzen abzulegen".

NL

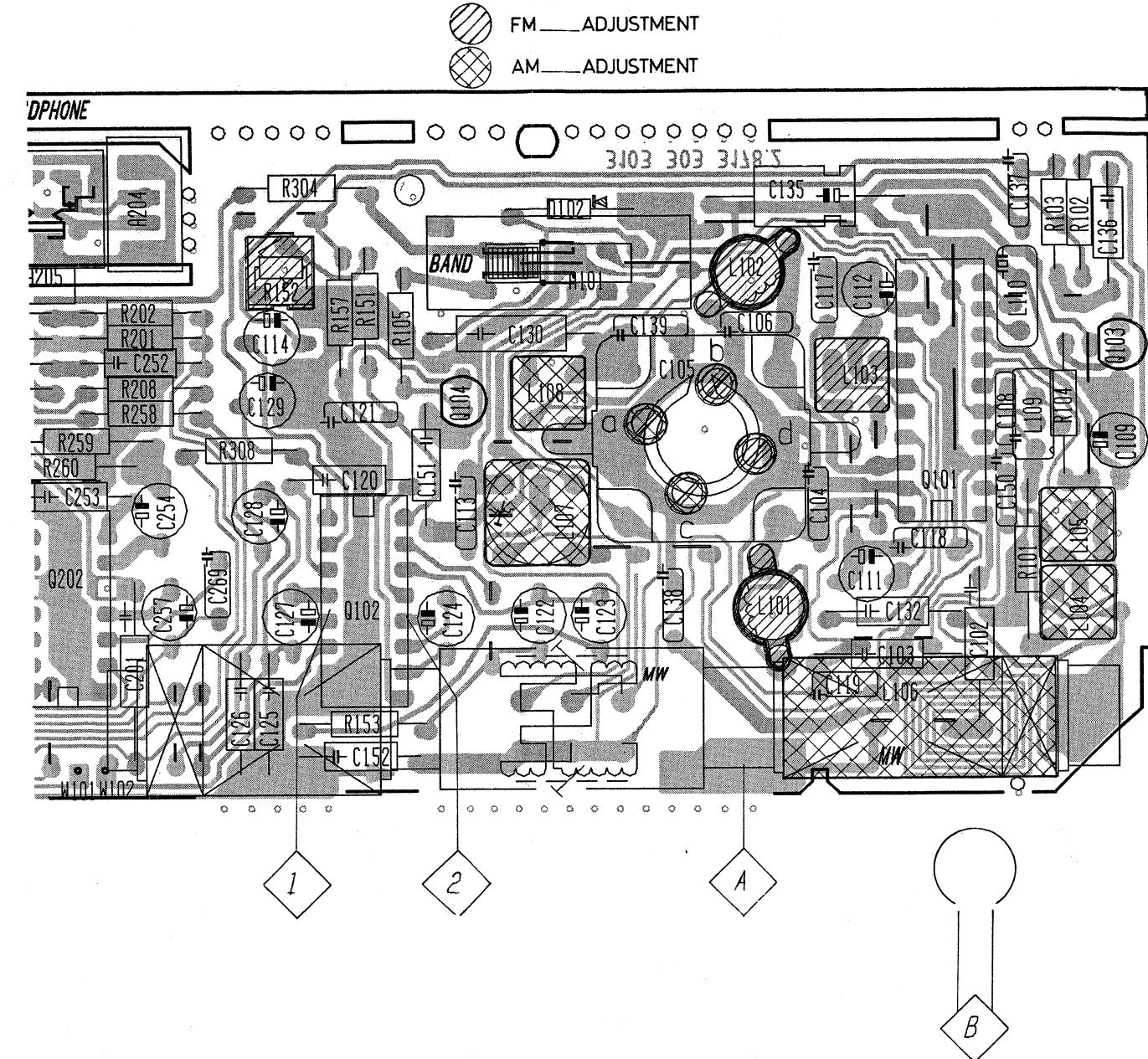
1 Regel de band kromme af op symmetrie en max. hoogte.

D

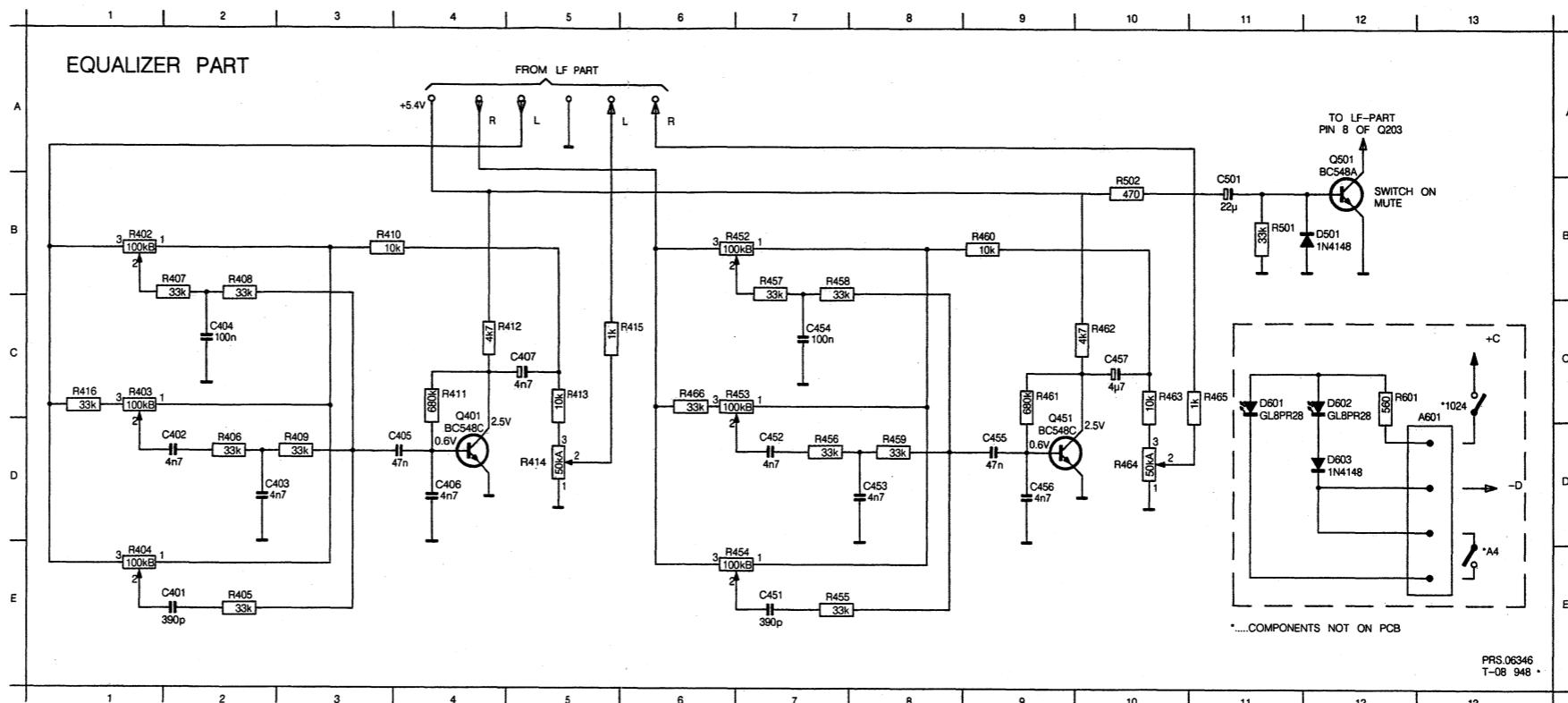
1 Auf maximale Höhe und Symmetrie der Bandkurve einstellen.

I

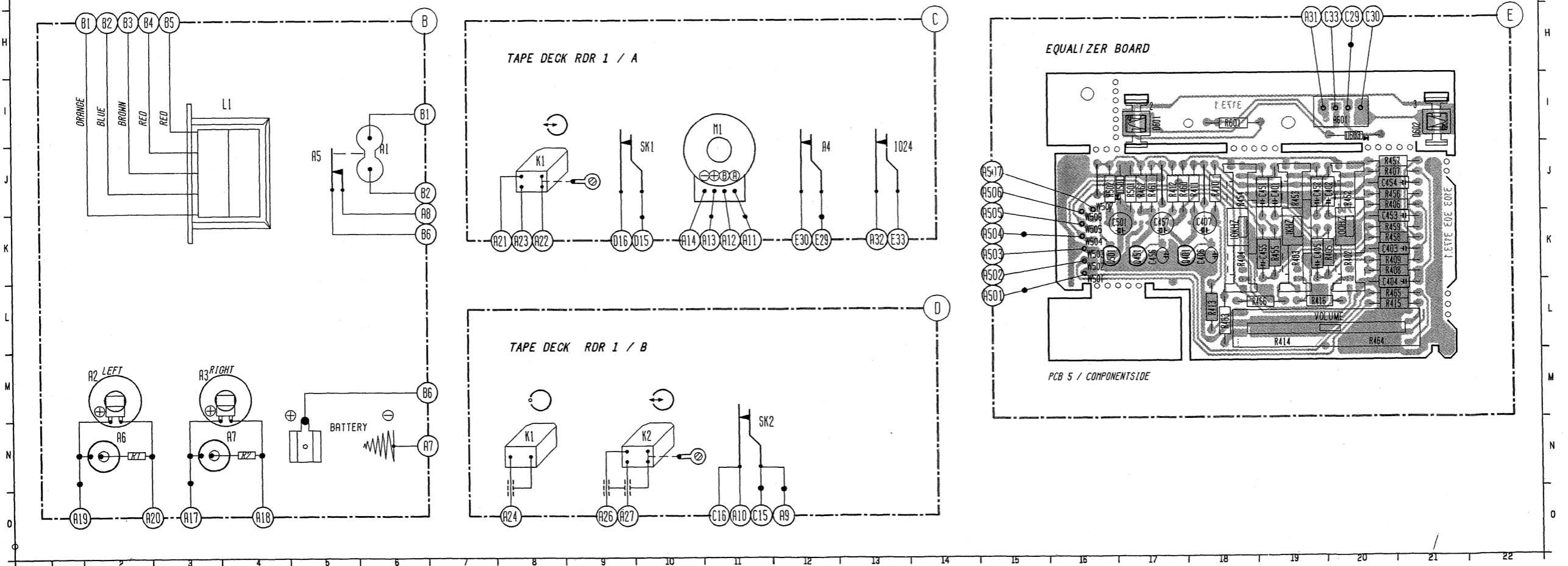
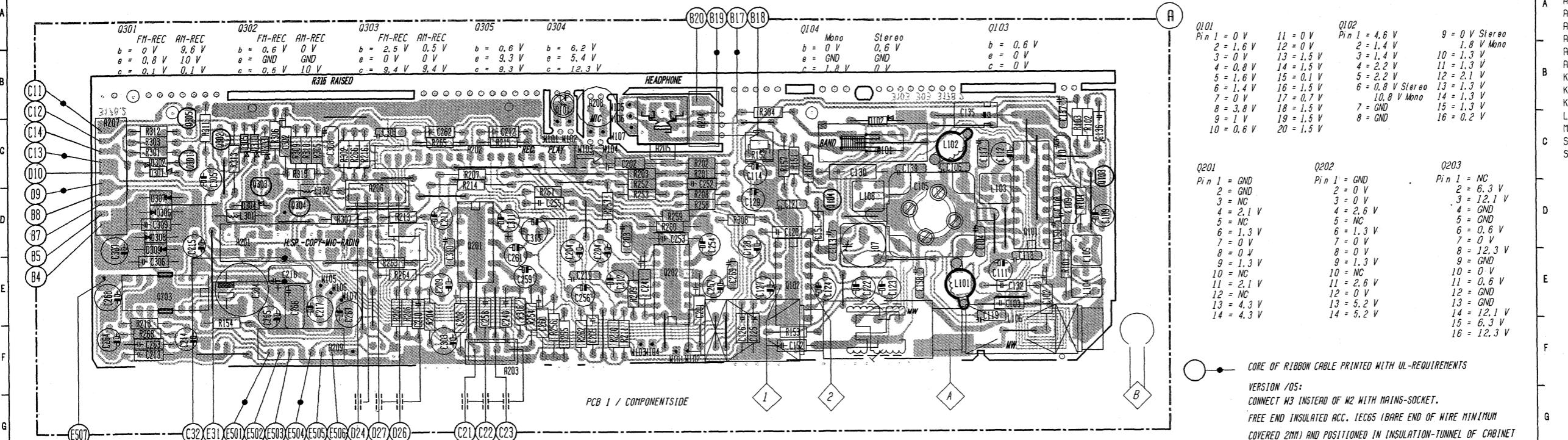
1 Regolare per pendenza massima e per simmetria.



*1024	C13	C402	D 2	C406	D 4	C453	D 8	C457	C10	D602	C12	Q501	A12	R405	E 2	R409	D 3	R413	C 5	R452	B 7	R456	D 7	R460	B 9	R464	D10	R502	B10
*A4	E13	C403	D 3	C407	C 5	C454	C 7	C501	B11	D603	D12	R402	B 1	R406	D 2	R410	B 3	R414	D 5	R453	C 7	R457	B 7	R461	C 9	R465	C11	R601	C12
A601	C13	C404	C 2	C451	E 7	C455	D 9	D501	B12	Q401	C 4	R403	C 1	R407	B 2	R411	C 4	R415	C 6	R454	E 7	R458	B 7	R462	C10	R466	C 6		
C401	E 2	C405	D 4	C452	D 7	C456	D 9	D601	C11	Q451	C 9	R404	E 1	R408	B 2	R412	C 5	R416	C 1	R455	E 7	R459	D 8	R463	C10	R501	B11		



2	I17	C102	E16	C119	E15	C135	C14	C205	F 9	C241	E10	C264	F 2	C30C	C 5	C451	J19	D304	D 4	L103	D15	Q104	D12	R102	C16	R205	E 6	R253	D10	R266	C 6	R312	C 3	R411	J18	R459	K20	W102	F10	W502	K16
3	I21	C103	E15	C120	D12	C136	C16	C208	E 7	C252	D11	C265	E 4	C309	D 3	C452	J19	D305	C 4	L104	E16	Q201	D 7	R103	C16	R206	E 6	R254	E 8	R268	F 2	R313	C 4	R412	J17	R460	J17	W102	C 9	W503	K16
A101	C13	C104	D15	C121	D12	C137	B16	C209	E 7	C253	D10	C266	E 5	C310	D 7	C453	K20	D306	D 3	L105	E16	Q202	E10	R104	D16	R207	C 7	R255	F 9	R301	C 3	R315	C 5	R413	L18	R461	J17	W103	F10	W504	K16
A201	D 4	C105	C14	C122	E13	C138	E14	C210	E 6	C254	D11	C267	E 5	C311	D 8	C454	J20	D307	D 3	L106	F15	Q203	E 3	R105	C12	R208	D11	R256	F 8	R302	C 5	R316	E 8	R414	L19	R462	J17	W103	C 9	W505	K16
A202	C 7	C106	C14	C123	E13	C139	C14	C211	D 7	C255	D 8	C268	E 2	C312	E 9	C455	K19	D308	D 3	L107	D13	Q301	C 3	R151	C12	R209	E10	R257	D 9	R303	C 3	R402	K20	R415	L20	R463	L18	W104	F10	W506	K16
A203	F 8	C108	D16	C124	E12	C150	D16	C212	C 8	C256	E 9	C269	E11	C313	D 8	C456	K17	D309	D 3	L108	D13	Q302	C 4	R152	C11	R210	F 9	R258	D11	R304	C 12	R403	K19	R416	L19	R464	L20	W105	E 5	W507	J16
A204	C11	C109	D16	C125	F11	C151	D12	C213	F 3	C257	E11	C301	C 6	C401	J19	C457	K17	D310	C 4	L109	O16	Q303	D 4	R153	F12	R211	F 9	R259	O10	R305	C 5	R404	K18	R452	J20	R465	L20	W105	B 9	W507	J16
A205	C10	C111	E15	C126	F11	C152	F12	C214	F 3	C258	E 7	C302	C 5	C402	J20	C501	K17	D501	J17	L110	C16	Q304	D 5	R154	F 4	R213	D 6	R260	O10	R306	C 4	R405	K20	R453	J19	R466	L19	W105	B 9	W507	J16
A206	D 6	C112	C15	C127	E11	C201	E11	C215	D 3	C259	E 8	C303	F 7	C403	K20	D101	B 9	D601	117	L301	D 4	Q305	C 3	R157	C12	R214	O 7	R261	D 8	R307	D 5	R406	K20	R454	J18	R501	J17	W106	E 5	W507	J16
A207	C 2	C113	D13	C128	D11	C202	C10	C216	E 5	C260	F 8	C304	E 4	C404	L20	D102	C13	D602	121	L302	O 5	Q401	K17	R201	C11	R215	C 8	R262	F 9	R308	D 11	R407	J20	R455	K19	R502	J16	W106	C 9	W507	K16
A208	B 9	C114	C11	C129	D11	C203	D10	C217	E 5	C261	E 8	C305	C 4	C405	K19	D301	C 3	D603	120	Q101	O15	Q451	K17	R202	C11	R216	C 6	R263	E 6	R309	C 5	R408	K20	R456	J20	R601	I18	W107	E 5	W507	J16
A209	F 5	C117	C15	C130	C13	C204	D 9	C219	E 9	C262	C 7	C306	E 3	C406	K18	D302	C 3	L101	E14	Q102	C12	R204	E 7	R252	D10	R265	C 7	R311	C 3	R410	J18	R458	K20	W101	C 8	W501	K16				
A601	I20	C118	E15	C132	E15	C204	E 8	C263	F 3	C307	D 2	C407	K18	D303	C 4	L101	E16	R204	C14	R204	E 7	R252	D10	R265	C 7	R311	C 3	R410	J18	R458	K20	W101	C 8	W501	K16						



1024 J13
A1 J 6
A2 M 2
A3 M 3

A4 J12
A5 J 5
A6 N 2
A7 N 4

B1 J 8
B2 N 8
B3 N10

C1 I 4
C2 I11
C3 SK1 J10
C4 SK2 N11

D1 6.3 V
D2 12.1 V
D3 0 V
D4 GND

E1 0 V
E2 6.3 V
E3 12.1 V
E4 0 V
E5 GND

F1 0 V
F2 6.3 V
F3 12.1 V
F4 0 V
F5 GND

G1 0 V
G2 6.3 V
G3 12.1 V
G4 0 V
G5 GND

H1 0 V
H2 6.3 V
H3 12.1 V
H4 0 V
H5 GND

I1 0 V
I2 6.3 V
I3 12.1 V
I4 0 V
I5 GND

J1 0 V
J2 6.3 V
J3 12.1 V
J4 0 V
J5 GND

K1 0 V
K2 6.3 V
K3 12.1 V
K4 0 V
K5 GND

L1 0 V
L2 6.3 V
L3 12.1 V
L4 0 V
L5 GND

M1 0 V
M2 6.3 V
M3 12.1 V
M4 0 V
M5 GND

N1 0 V
N2 6.3 V
N3 12.1 V
N4 0 V
N5 GND

O1 0 V
O2 6.3 V
O3 12.1 V
O4 0 V
O5 GND

P1 0 V
P2 6.3 V
P3 12.1 V
P4 0 V
P5 GND

Q1 0 V
Q2 6.3 V
Q3 12.1 V
Q4 0 V
Q5 GND

R1 0 V
R2 6.3 V
R3 12.1 V
R4 0 V
R5 GND

S1 0 V
S2 6.3 V
S3 12.1 V
S4 0 V
S5 GND

T1 0 V
T2 6.3 V
T3 12.1 V
T4 0 V
T5 GND

U1 0 V
U2 6.3 V
U3 12.1 V
U4 0 V
U5 GND

V1 0 V
V2 6.3 V
V3 12.1 V
V4 0 V
V5 GND

W1 0 V
W2 6.3 V
W3 12.1 V
W4 0 V
W5 GND

X1 0 V
X2 6.3 V
X3 12.1 V
X4 0 V
X5 GND

Y1 0 V
Y2 6.3 V
Y3 12.1 V
Y4 0 V
Y5 GND

Z1 0 V
Z2 6.3 V
Z3 12.1 V
Z4 0 V
Z5 GND

AA1 0 V
AA2 6.3 V
AA3 12.1 V
AA4 0 V
AA5 GND

AB1 0 V
AB2 6.3 V
AB3 12.1 V
AB4 0 V
AB5 GND

AC1 0 V
AC2 6.3 V
AC3 12.1 V
AC4 0 V
AC5 GND

AD1 0 V
AD2 6.3 V
AD3 12.1 V
AD4 0 V
AD5 GND

AE1 0 V
AE2 6.3 V
AE3 12.1 V
AE4 0 V
AE5 GND

AF1 0 V
AF2 6.3 V
AF3 12.1 V
AF4 0 V
AF5 GND

AG1 0 V
AG2 6.3 V
AG3 12.1 V
AG4 0 V
AG5 GND

AH1 0 V
AH2 6.3 V
AH3 12.1 V
AH4 0 V
AH5 GND

AI1 0 V
AI2 6.3 V
AI3 12.1 V
AI4 0 V
AI5 GND

AJ1 0 V
AJ2 6.3 V
AJ3 12.1 V
AJ4 0 V
AJ5 GND

AK1 0 V
AK2 6.3 V
AK3 12.1 V
AK4 0 V
AK5 GND

AL1 0 V
AL2 6.3 V
AL3 12.1 V
AL4 0 V
AL5 GND

AM1 0 V
AM2 6.3 V
AM3 12.1 V
AM4 0 V
AM5 GND

AN1 0 V
AN2 6.3 V
AN3 12.1 V
AN4 0 V
AN5 GND

AO1 0 V
AO2 6.3 V
AO3 12.1 V
AO4 0 V
AO5 GND

AP1 0 V
AP2 6.3 V
AP3 12.1 V
AP4 0 V
AP5 GND

AQ1 0 V
AQ2 6.3 V
AQ3 12.1 V
AQ4 0 V
AQ5 GND

AR1 0 V
AR2 6.3 V
AR3 12.1 V
AR4 0 V
AR5 GND

AS1 0 V
AS2 6.3 V
AS3 12.1 V
AS4 0 V
AS5 GND

AT1 0 V
AT2 6.3 V
AT3 12.1 V
AT4 0 V
AT5 GND

AU1 0 V
AU2 6.3 V
AU3 12.1 V
AU4 0 V
AU5 GND

AV1 0 V
AV2 6.3 V
AV3 12.1 V
AV4 0 V
AV5 GND

AW1 0 V
AW2 6.3 V
AW3 12.1 V
AW4 0 V
AW5 GND

AX1 0 V
AX2 6.3 V
AX3 12.1 V
AX4 0 V
AX5 GND

AY1 0 V
AY2 6.3 V
AY3 12.1 V
AY4 0 V
AY5 GND

AZ1 0 V
AZ2 6.3 V
AZ3 12.1 V
AZ4 0 V
AZ5 GND

BA1 0 V
BA2 6.3 V
BA3 12.1 V
BA4 0 V
BA5 GND

CA1 0 V
CA2 6.3 V
CA3 12.1 V
CA4 0 V
CA5 GND

DA1 0 V
DA2 6.3 V
DA3 12.1 V
DA4 0 V
DA5 GND

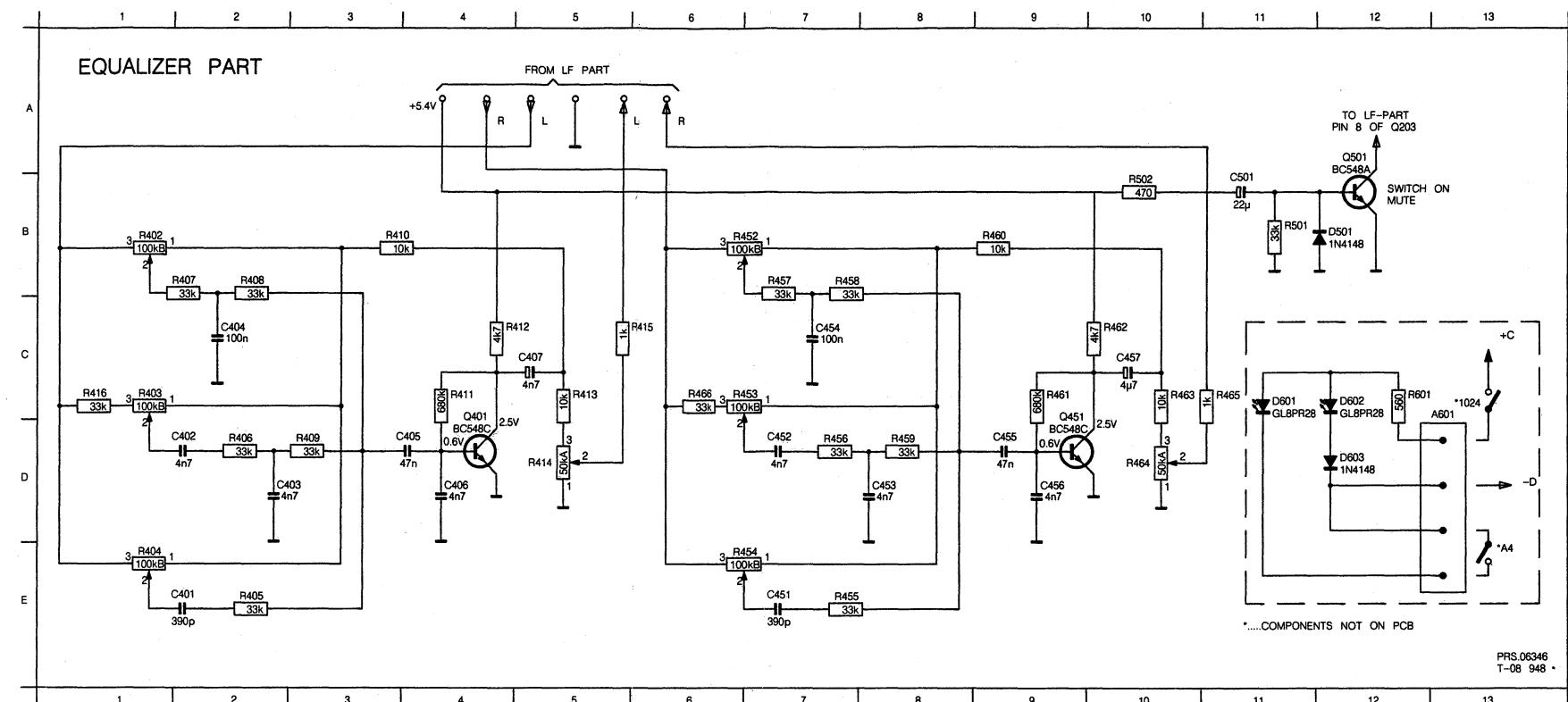
EA1 0 V
EA2 6.3 V
EA3 12.1 V
EA4 0 V
EA5 GND

FA1 0 V
FA2 6.3 V
FA3 12.1 V
FA4 0 V
FA5 GND

GA1 0 V
GA2 6.3 V
GA3 12.1 V
GA4 0 V
GA5 GND

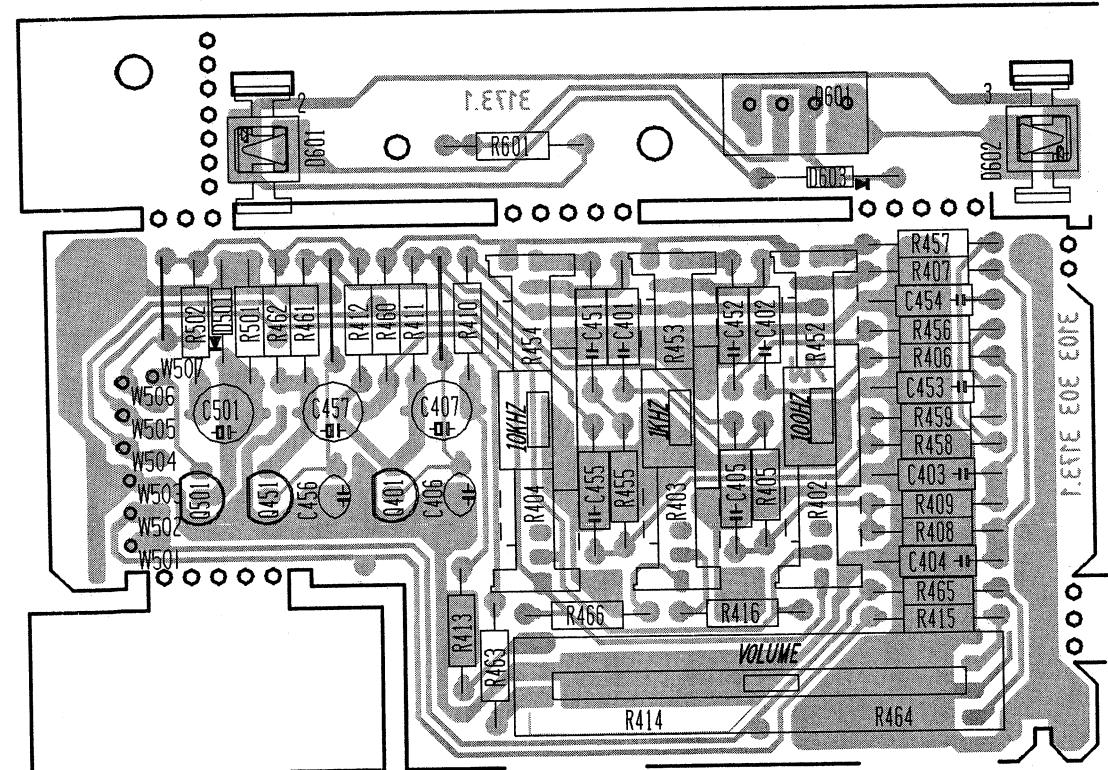
HA1 0 V
HA2 6.3 V
HA3 12.1 V
HA4

* 1024 C13 C402 D 4 C406 C453 C10 D602 C12 C501 A12 R405 E2 R409 D3 R413 C5 R452 B7 R456 D7 R460 B9 R464 D10 R502 B10
 * A4 E13 C403 D 3 C407 C545 C501 B11 D603 D12 R402 B1 R406 D2 R410 B3 R414 D5 R453 C7 R457 B7 R461 C9 R465 C11 R601 C12
 A601 C13 C404 C2 C451 E7 C455 D9 D501 B12 C4 Q01 C4 R403 C1 R407 B2 R411 C4 R415 C6 R454 E7 R458 B7 R462 C10 R466 C6
 C401 E 2 C405 D 4 C452 D 7 C456 D9 D601 C11 C451 C9 R404 E1 R408 B2 R412 C5 R416 C1 R455 E7 R459 D8 R463 C10 R501 B11



2	B 2	C405	C 4	C455	C 4	D603	B 5	R405	C 4	R412	C 3	R454	C 3	R461	C 2	R502	C 2
3	B 5	C406	C 3	C456	C 2	Q401	C 3	R406	C 5	R413	D 3	R455	C 4	R462	C 2	R601	B 3
A601	B 5	C407	C 3	C457	C 2	Q451	C 2	R407	B 5	R414	E 4	R456	C 5	R463	D 3		
C401	C 4	C451	C 4	C501	C 2	Q501	C 2	R408	D 5	R415	D 5	R457	B 5	R464	E 5		
C402	C 4	C452	C 4	D501	C 2	R402	D 5	R409	D 5	R416	D 4	R458	C 5	R465	D 5		
C403	C 5	C453	C 5	D601	B 2	R403	D 4	R410	C 3	R452	C 5	R459	C 5	R466	D 4		
C404	D 5	C454	C 5	D602	B 5	R404	D 3	R411	C 3	R453	C 4	R460	C 3	R501	C 2		
		1		2		3		4		5		6					

EQUALIZER BOARD / COMPONENT SIDE VIEW / AW7492.00



CAD-REF: PC.AW7492.P5.D1.AW7492.00.B / 89-10-31

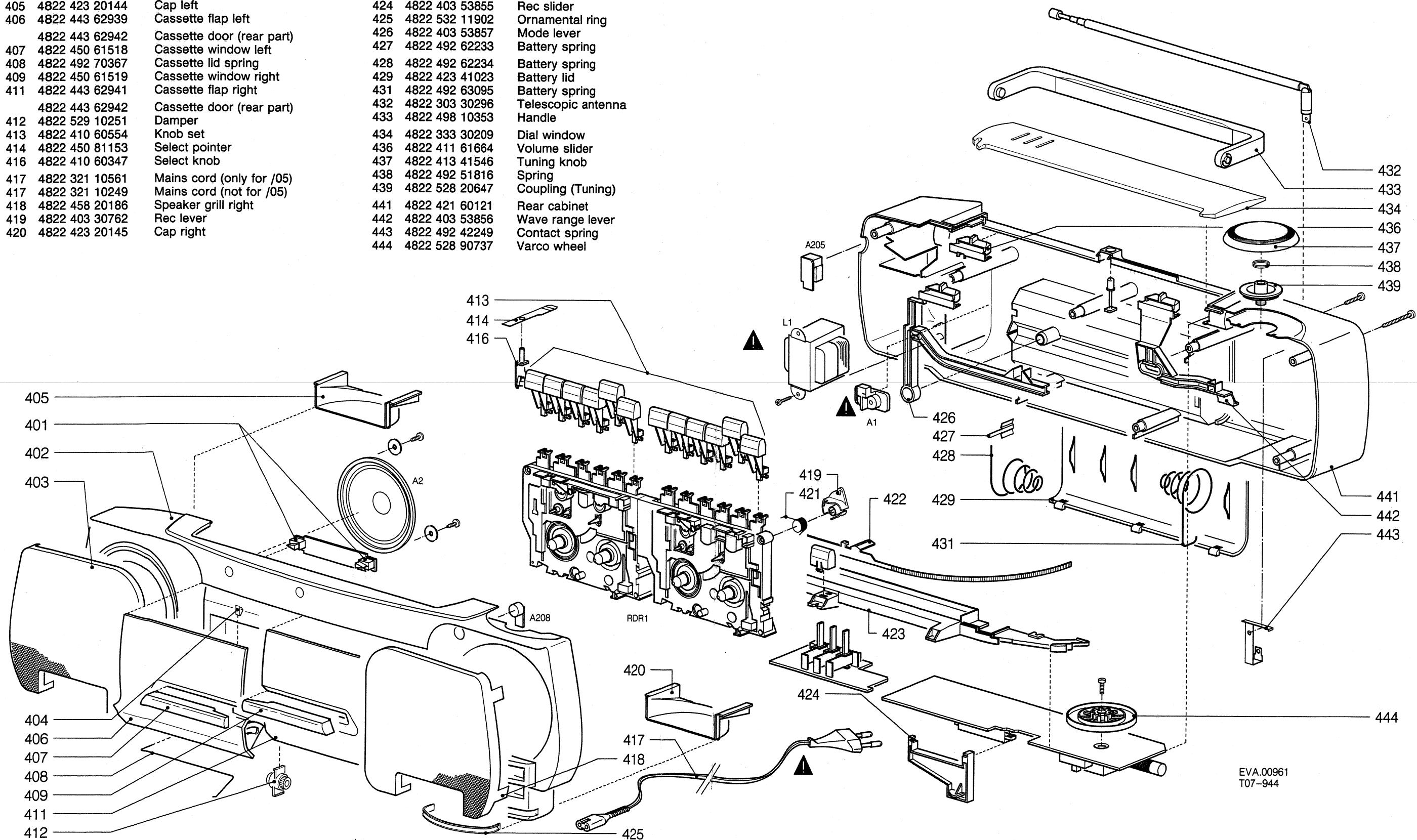
ELECTRICAL PARTSLIST

	C105	4822 125 20283	
	4822 130 60381	LN21RP-H	
	4822 130 30621	1N4148	
	4822 130 34167	BZX79-B6V2	
	5322 130 30684	1N4002	
	4822 130 81677	GL8PR28	
	Q101	4822 209 71836	TEA5591/N3
	Q102	4822 209 71321	AN7411
	Q201	4822 209 70997	AN7312
	Q202	4822 209 70997	AN7312
	Q203	4822 209 70372	TA7769P
	R152	4822 100 20166	VCO
R402	4822 100 11582	Equalizer 100 Hz	
R452			
R403	4822 100 11582	Equalizer 1 kHz	
R453			
R404	4822 100 11582	Equalizer 10 kHz	
R454			
R414	4822 100 11583	Volume	
R464			
	Q103	4822 130 40937	BC548B
	Q104	4822 103 40937	BC548B
	Q301	4822 130 44197	BC558B
	Q302	4822 130 40973	BC548B
	Q303	4822 130 44196	BC548C
	Q304	4822 130 40948	BC548A
	Q305	4822 130 44197	BC558B
	Q401	4822 130 44196	BC548C
	Q451	4822 130 44196	BC548C
	L101	4822 156 30947	
	L102	4822 156 30947	
	L103	4822 156 30777	
	L104	4822 157 53336	
	L105	4822 157 53337	
	L106	4822 158 60575	
	L107	4822 157 53321	
	L108	4822 156 30671	
	L109	4822 242 71869	
	L301	4822 157 52991	
	L302	4822 157 53792	
	Miscellaneous		
	A1	4822 265 20318	Mains socket
	A101	4822 277 10957	Wave range
	A2/A3	4822 240 40182	Loudspeaker
	A6/A7	4822 240 70194	Piezo tweeter
	A201	4822 277 21198	Function switch
	A202	4822 277 20594	Rec/Pb switch
	A205	4822 267 40876	Headphone socket
	A208	4822 242 30121	Microphone
	L1	4822 146 21225	Transformer

	Carbon film 0.2 W	70°C	5%		Ceramic plate Tuning ≤ 120 pF NP.O	2%	*a = 2,5 V
	Carbon film 0.33 W	70°C	5%		Others	-20/+80%	b = 4 V
	Metal film 0.33 W	70°C	5%		Polyester flat foil	10%	c = 6,3 V
	Carbon film 0.5 W	70°C	5%		Metalized polyester flat film	10%	d = 10 V
	Carbon film 0.67 W	70°C	5%		Polyester flat foil small size (Mylar)	10%	e = 16 V
	Carbon film 1.15 W	70°C	5%		Polysterene film/foil	1%	f = 25 V
(C) Chip component					Tubular ceramic		g = 40 V
					Miniature single		h = 63 V
					Subminiature tantalum	± 20%	j = 100 V
							i = 125 V
							m = 150 V
							n = 160 V
							q = 200 V
							r = 250 V
							s = 300 V
							t = 350 V
							u = 400 V
							v = 500 V
							w = 630 V
							x = 1000 V
							A = 1,6 V
							B = 6 V
							C = 12 V
							D = 15 V
							E = 20 V
							F = 35 V
							G = 50 V
							H = 75 V
							I = 80 V

MECHANICAL PARTSLIST

401	4822 256 91544	Led holder
402	4822 426 51404	Front
403	4822 458 20185	Speaker grill left
405	4822 423 20144	Cap left
406	4822 443 62939	Cassette flap left
	4822 443 62942	Cassette door (rear part)
407	4822 450 61518	Cassette window left
408	4822 492 70367	Cassette lid spring
409	4822 450 61519	Cassette window right
411	4822 443 62941	Cassette flap right
	4822 443 62942	Cassette door (rear part)
412	4822 529 10251	Damper
413	4822 410 60554	Knob set
414	4822 450 81153	Select pointer
416	4822 410 60347	Select knob
417	4822 321 10561	Mains cord (only for /05)
417	4822 321 10249	Mains cord (not for /05)
418	4822 458 20186	Speaker grill right
419	4822 403 30762	Rec lever
420	4822 423 20145	Cap right
421	4822 492 70368	Rec spring
422	4822 450 81155	Pointer
423	4822 423 41035	Cover plate
424	4822 403 53855	Rec slider
425	4822 532 11902	Ornamental ring
426	4822 403 53857	Mode lever
427	4822 492 62233	Battery spring
428	4822 492 62234	Battery spring
429	4822 423 41023	Battery lid
431	4822 492 63095	Battery spring
432	4822 303 30296	Telescopic antenna
433	4822 498 10353	Handle
434	4822 333 30209	Dial window
436	4822 411 61664	Volume slider
437	4822 413 41546	Tuning knob
438	4822 492 51816	Spring
439	4822 528 20647	Coupling (Tuning)
441	4822 421 60121	Rear cabinet
442	4822 403 53856	Wave range lever
443	4822 492 42249	Contact spring
444	4822 528 90737	Varco wheel



EVA.00961
T07-944